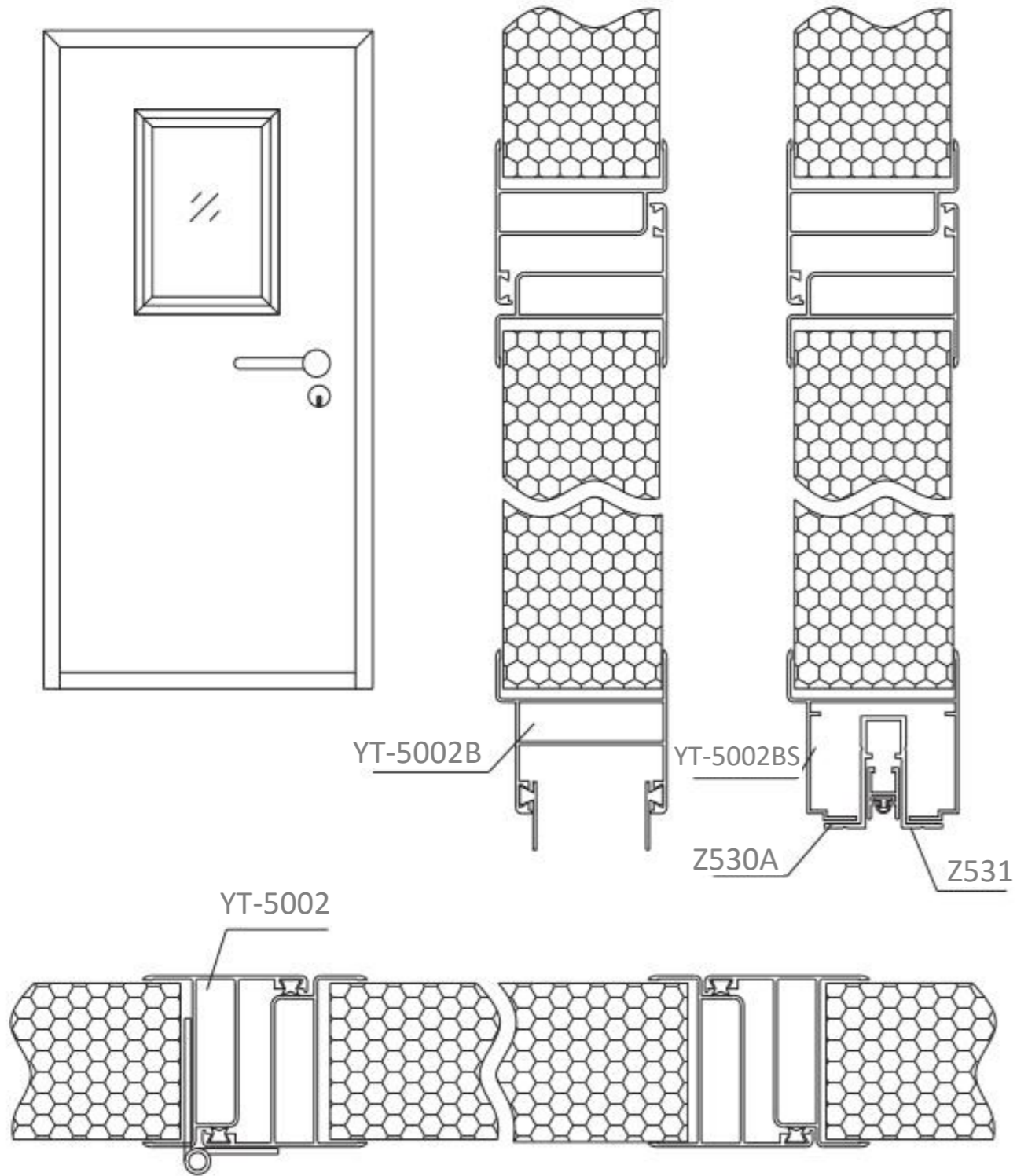


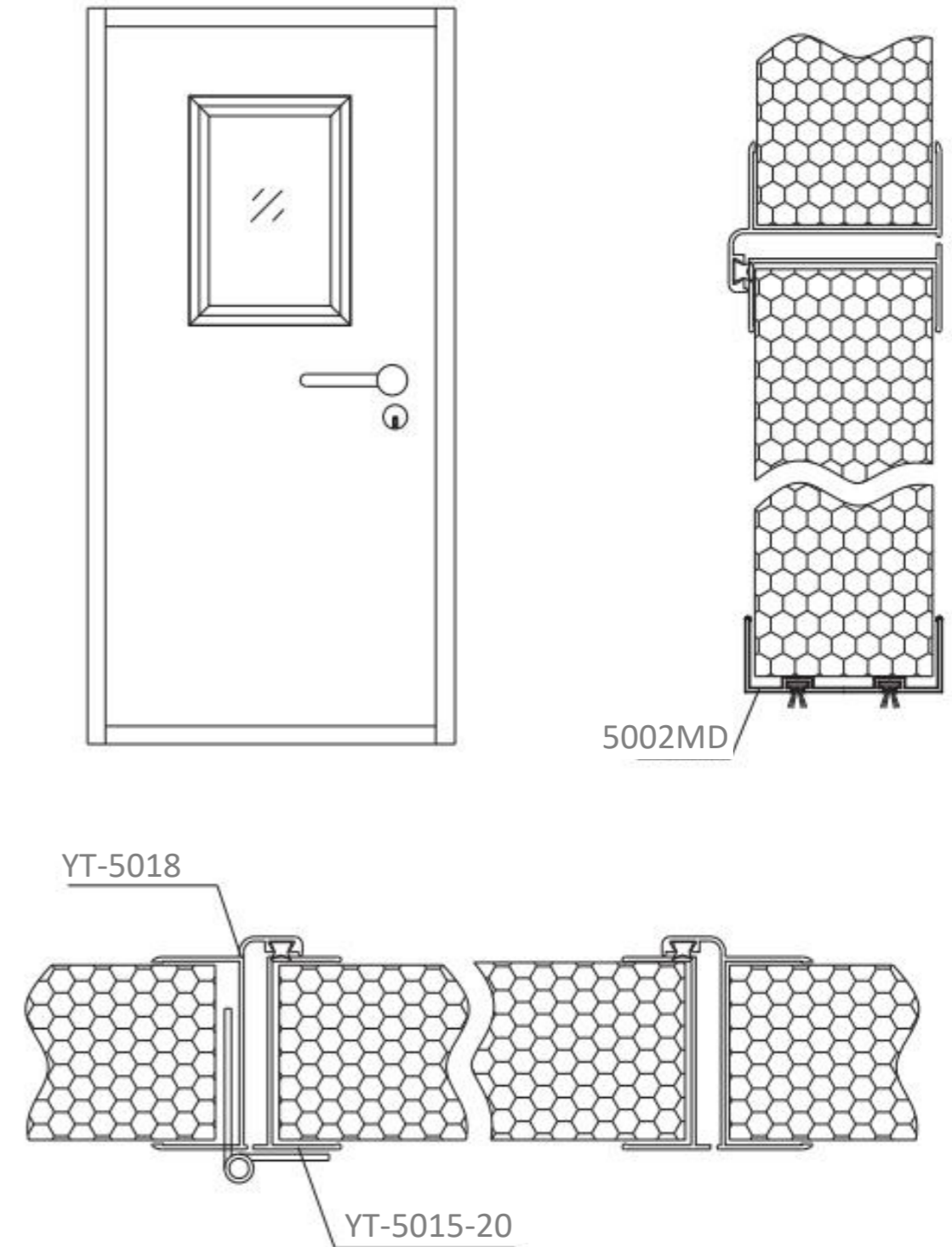
50 Series mechanism panel door ---- Dual seal

□ Linear density is for reference only



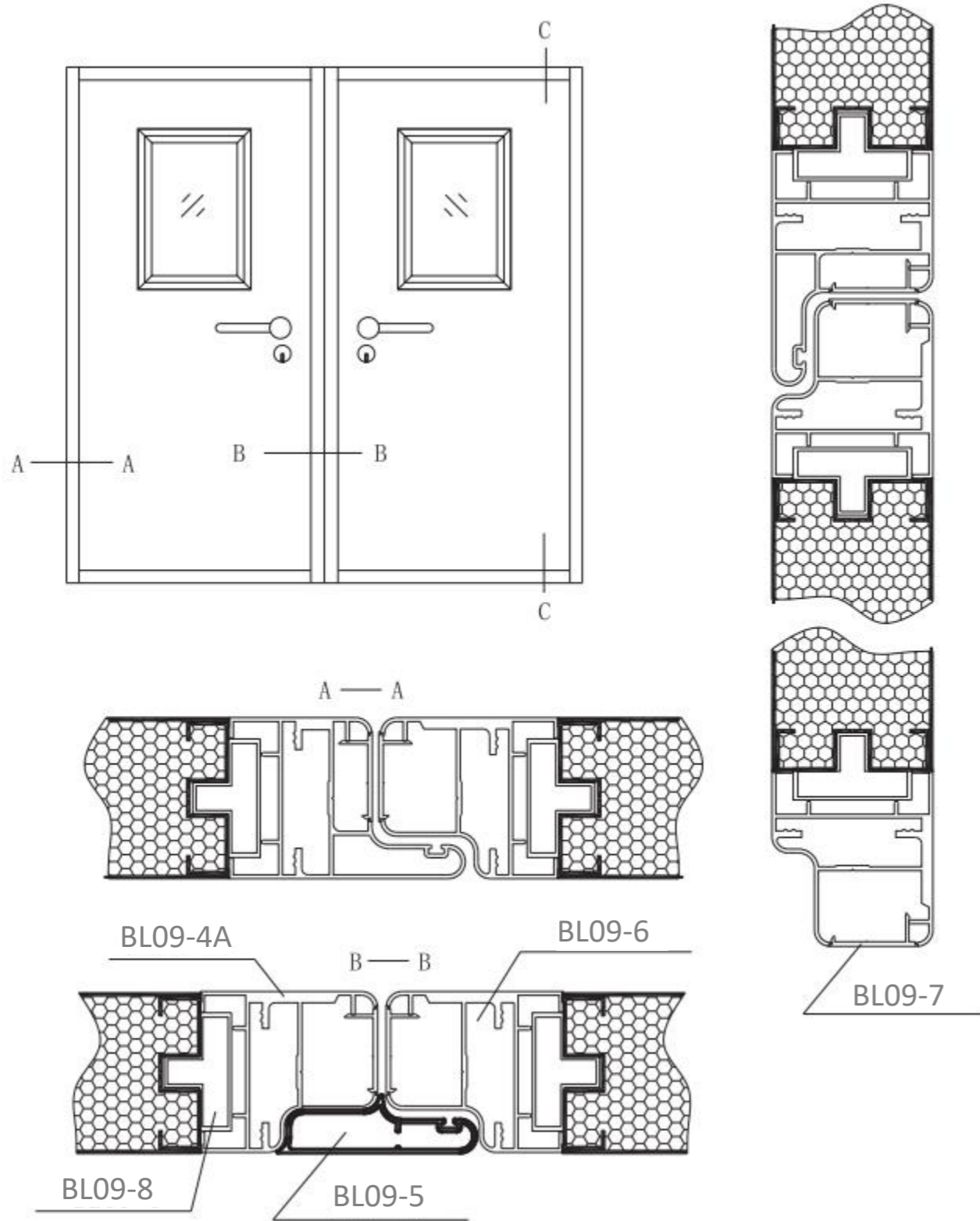
50 Series mechanism panel door ---- Single seal

□ Linear density is for reference only



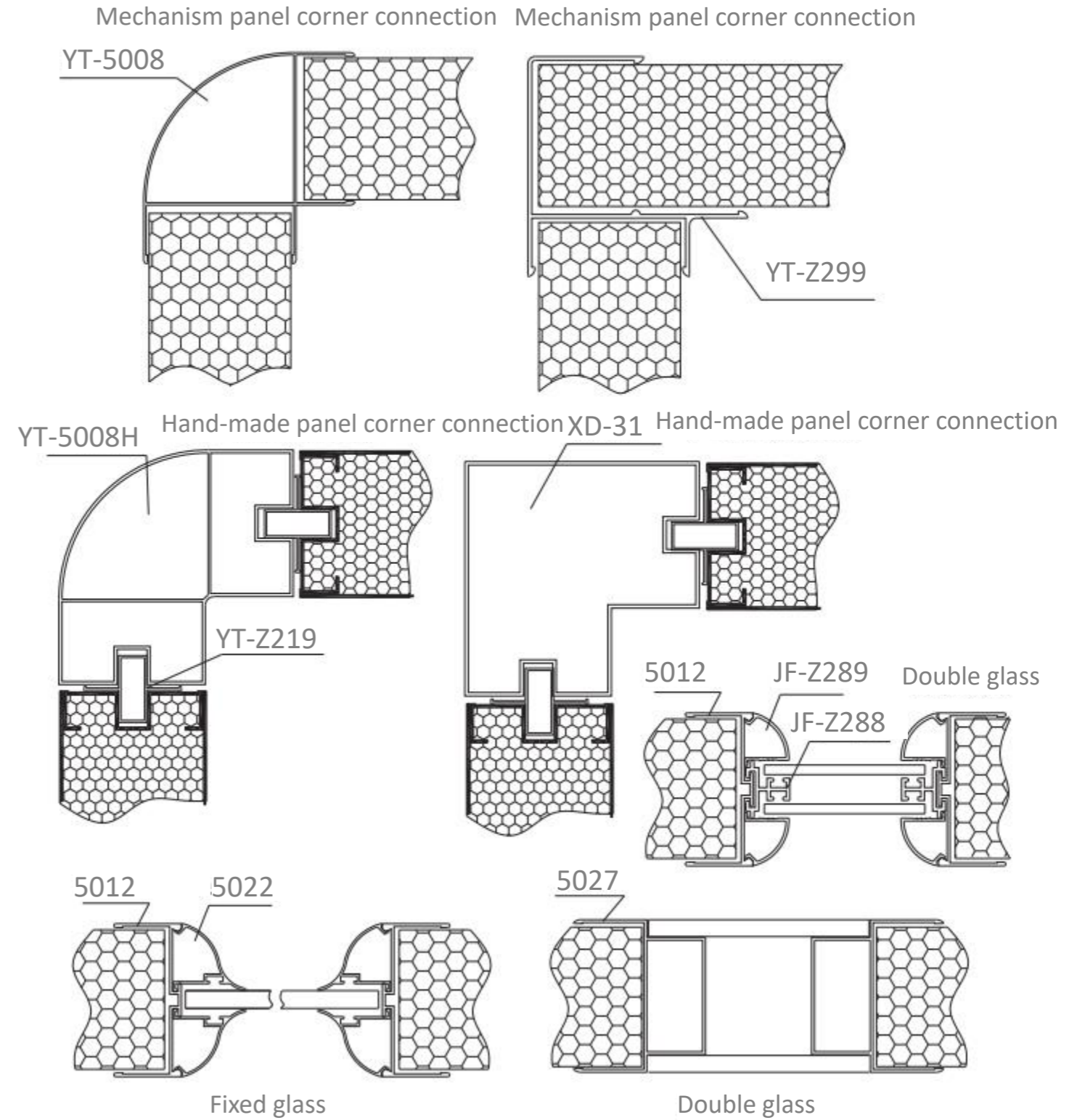
50 Series hand made panel door

□ Linear density is for reference only



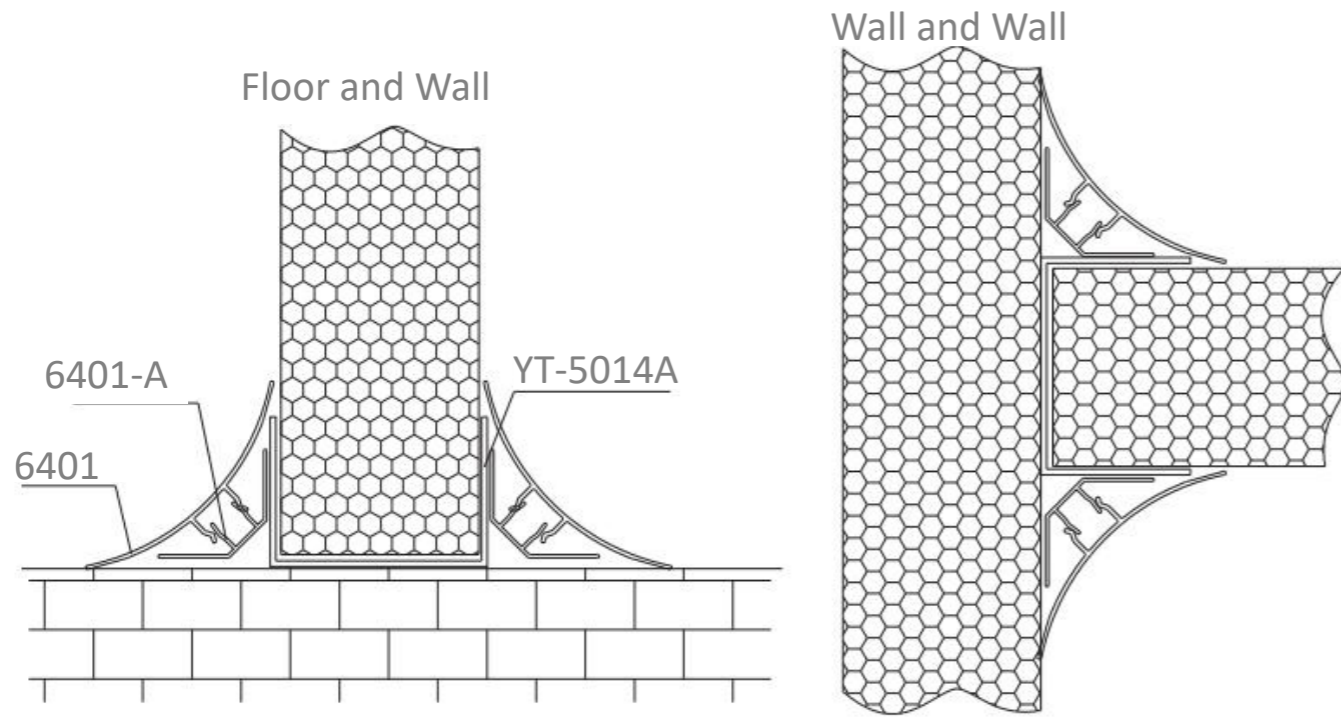
Connection sketch

□ Linear density is for reference only



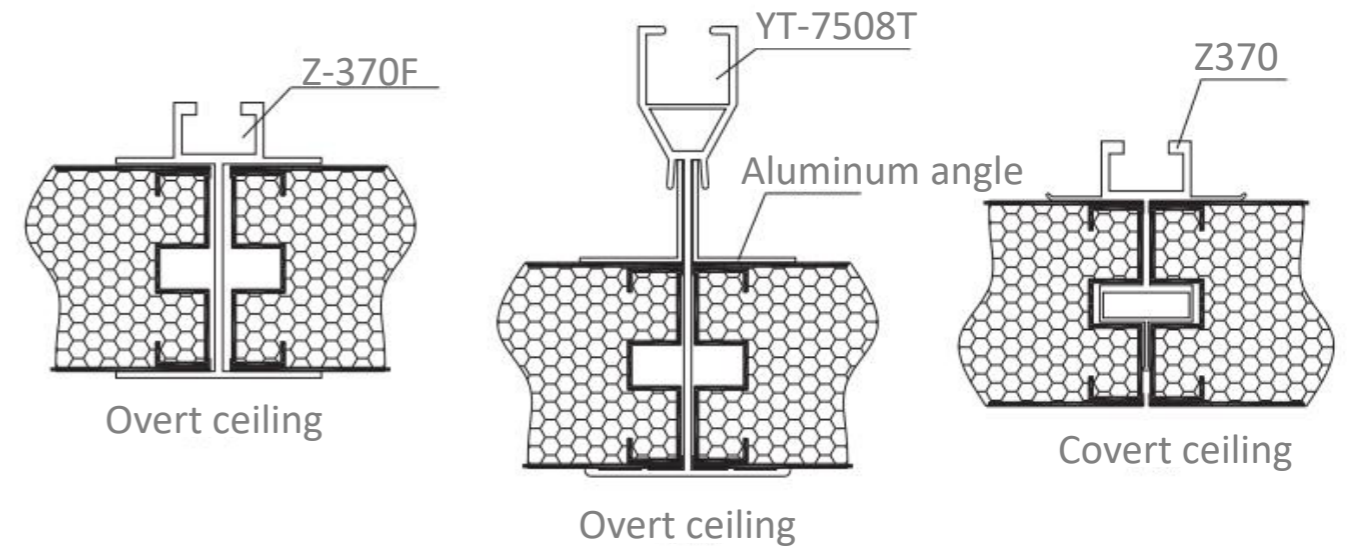
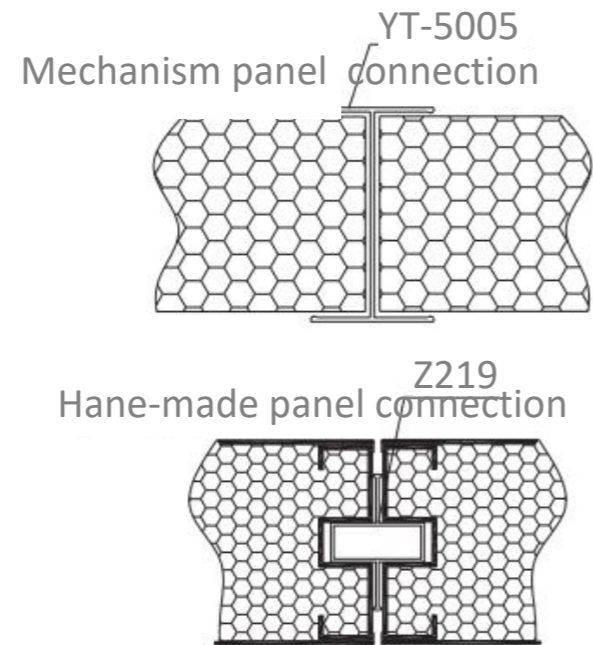
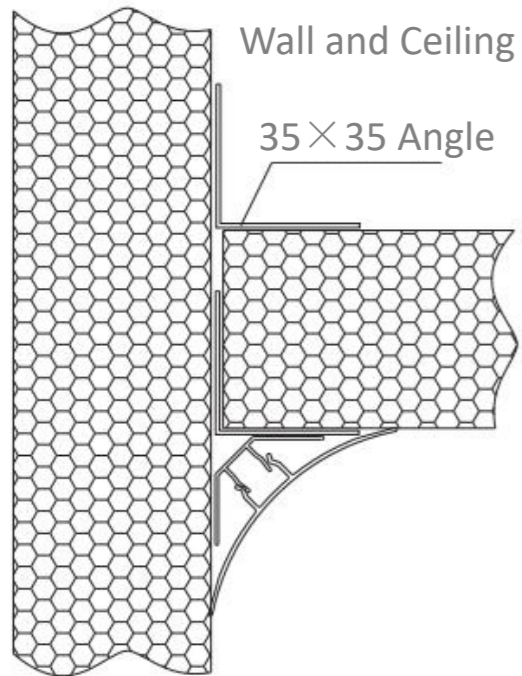
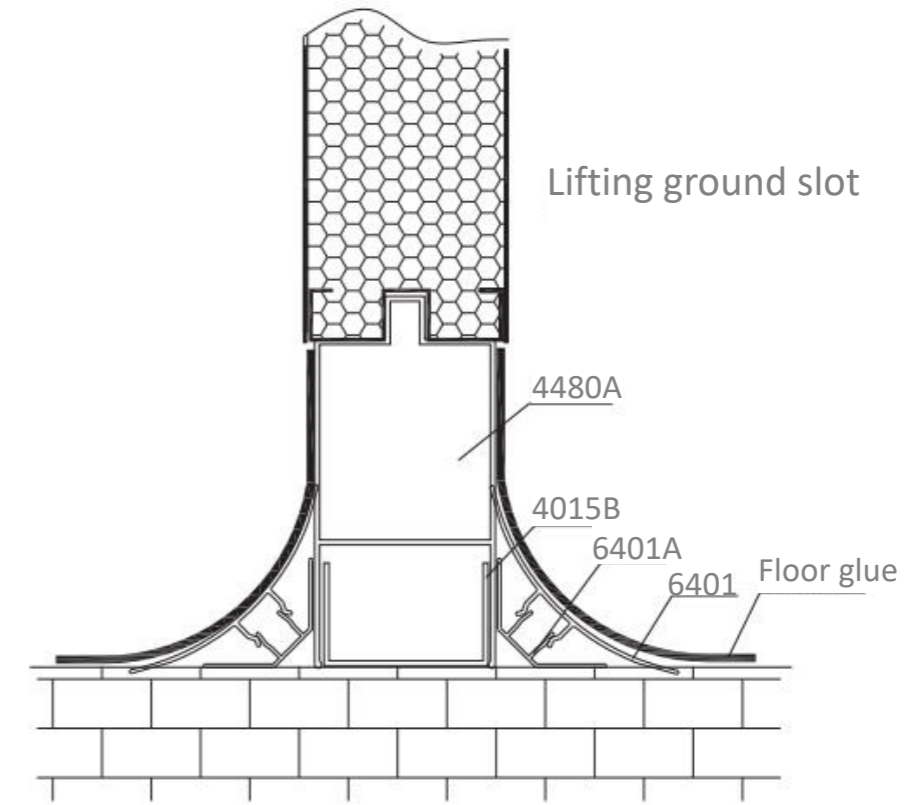
Connection skech

□ Linear density is for reference only

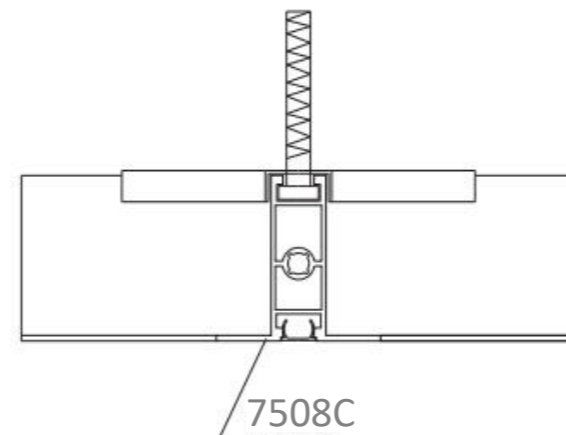
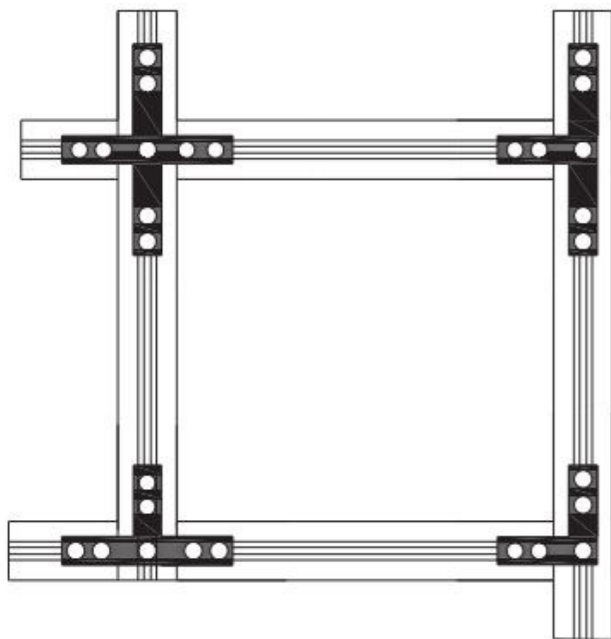
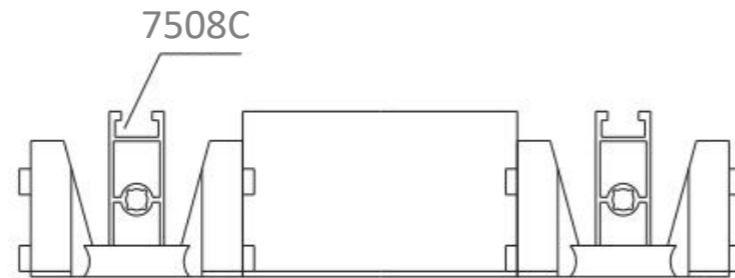
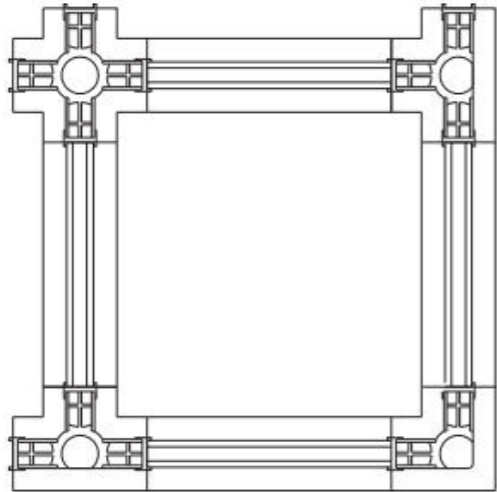


Connection skech

□ Linear density is for reference only



□ Linear density is for reference only



50 Cleanroom Serials -- 50 Door material

50 Cleanroom Serials -- 50 Fixed glass

50 Cleanroom Serials -- 50 outer circle, inner circle, single / double circle

50 Cleanroom Serials -- 50 pannel H connection, slot

50 Cleanroom Serials -- 50 hand-made door matrial

75 Cleanroom Serials

100 Cleanroom Serials

Connection and ceiling beam

FFU Ceiling

Filter frame

Lifting ground slot

20 / 25 / 40 Serials

ZB Serials

Light material

Framework

Interior / Exterior angle

Flat angle

Squaretube

Grade, chemical composition, mechanical properties at room temperature

50 Cleanroom Serials -- Door material

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
YT-5002 0.8 1.0 1.2 1.5		0.485 0.53 0.62 0.73	Dual seal door material	YT-5002B 1.0		0.59	Under door
YT-5002B-1 1.0		0.68	Lifting sweeping strips	YT-5002BS 1.0		0.51	Lifting sweeping strips
YT-5002-2 0.9		0.47	20mm slot Dual seal	YT-5002B-5 0.9		0.55	
YT-5002A 1.0		0.515		YT-5002C 1.0		0.553	
YT-5002D 1.0 1.4 2.0		0.55 0.75 1.1		YT-5002B-6 1.0 1.4		0.67 0.866	

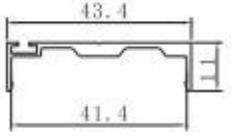
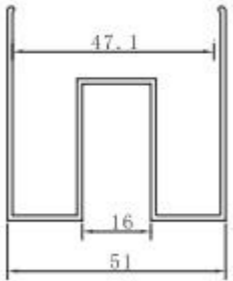

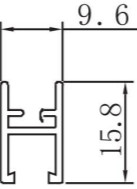
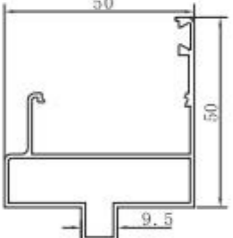
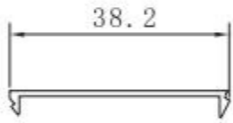
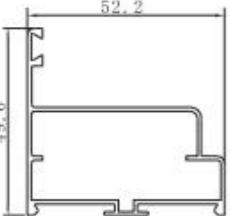
50 Cleanroom Serials -- Door material

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
YT-5002E 1.0		0.575	Door frame	YT-5002F 1.0		0.6	Door leaf
YT-5018 1.0 1.2		0.361 0.43	Single seal door frame	YT-5015-20 1.2		0.305	Single seal door leaf
5002MD 1.1		0.32	Single seal door bottom	YT-5016 1.0		0.312	50 window frame
YT-5018X-1 1.4		0.65	C type door frame	YT-5019C 1.5		0.84	
YT-5018B 1.8		1.073	Single seal door frame	SZC09-1		0.298	Door leaf

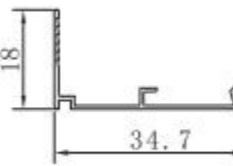

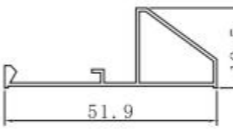
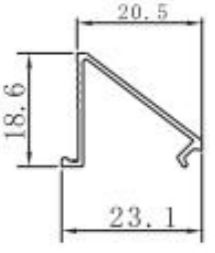
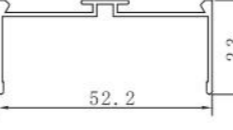
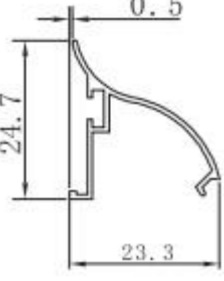
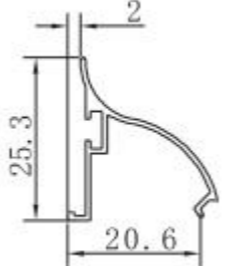
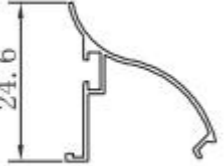
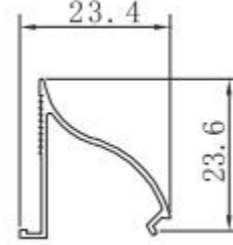
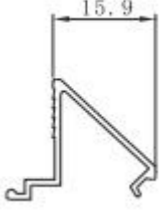
50 Cleanroom Serials -- Door material

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
SZCD09-1MD		0.316	Door bottom	DS-50MD 1.2		0.689	Lifting sweeping strips door bottom
Z530A 1.4		0.41	Lifting sweeping strip	Z531 1.1		0.132	Lifting sweeping strips
5007X 1.1		0.63	Door	5007XGB 1.0		0.12	Cover
YT-5007Z 1.0		0.56	Door with base				

50 Cleanroom Serials -- 50 Fixed glass

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
YT5003-1 0.8		0.133	Match 5003-2 Slot 14.8mm	YT5003-2		0.08	
YT5003 0.8		0.252	Match 3805 Slot 11mm	YT-3805		0.13	
YT5012 0.8 1.0 1.2 1.4		0.28 0.32 0.38 0.45	50 base	YT5022 0.7		0.14	
YT5022-1 0.7		0.142		YT5022-2 0.65		0.12	
YT5022-3 0.8		0.14		J-3805-16 0.9		0.133	

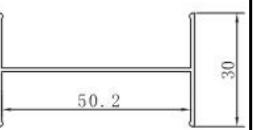
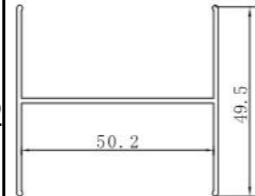
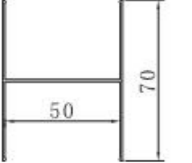
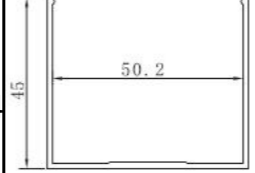
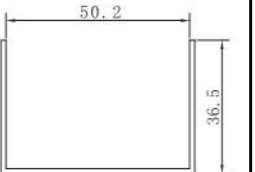
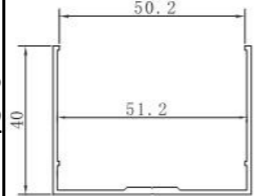
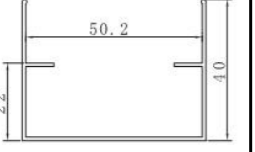

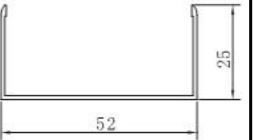
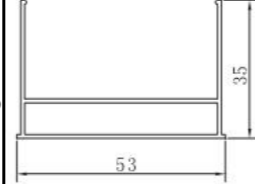
□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
YT-5008 0.8 1.0 1.2		0.61 0.74 0.89		YT-5008-1 1.0		0.776	
YT-5008D 1.3		1.4		YT-5008E 1.5		1.63	
YT-5008F 1.5		1.62		5008G 1.0		0.9	
YT-5008H 1.1		1.17		5008J 1.4		2.0	
YT-ZHJ135 1.2		0.801		YT-135A 1.0		0.52	

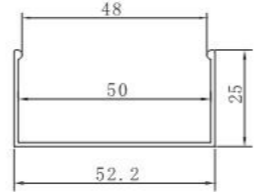
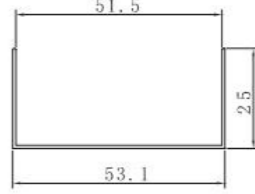
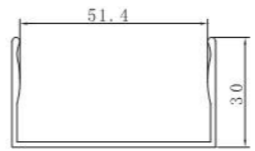
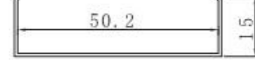
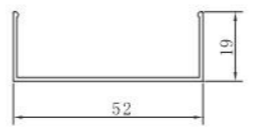

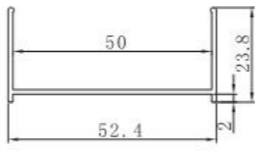
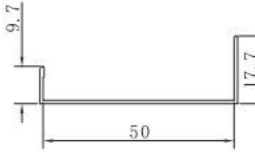

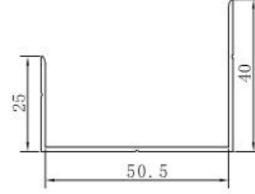
□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
XD-31 1.3		1.35		HD09-11 1.0		0.6	
YT-6401 0.6 0.7 0.8 0.9 1.2		0.14 0.165 0.185 0.206 0.27		YT-6104A 0.8		0.136	
YT-64011 0.9		0.204		YT-6401B 1.1		0.184	
YT-6402 1.0		0.309		YT-6403 1.2		0.318	
6402C 1.0		0.38		YT-6401-5 1.0		0.192	

□ Density is for reference only

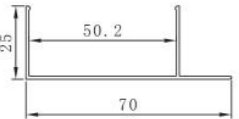
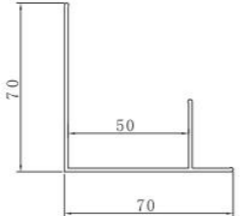
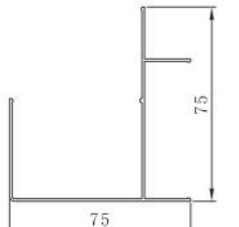
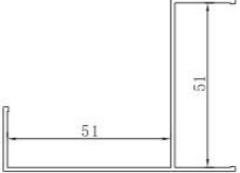
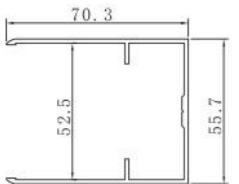
PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
YT-5005 0.8 1.0		0.25 0.3		5005-50 1.2		0.49	
YT-5005H 1.0		0.55		YT-5014 1.4		0.532	
YT-5014A 1.4		0.466		YT-5014B 1.2		0.436	
YT-5014C 1.0		0.395		YT-5015 0.7 0.8 1.0 1.2		0.195 0.22 0.28 0.34	
YT-5015A 1.0		0.271		YT-5015B		0.45	

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
YT-5015C 1.1		0.31		YT-5015E 0.8		0.22	
YT-5015F 1.4		0.472		5015-15 0.8		0.175	
YT-5015-19 1.0		0.25		YT-5015-23 1.0		0.246	
YT-5015-24 1.2		0.316		5108 0.9		0.189	
5108-1 0.8		0.163		5108-2 1.2		0.37	

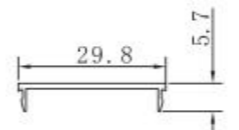
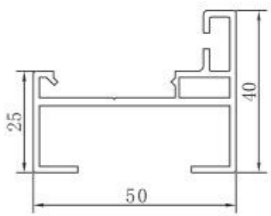
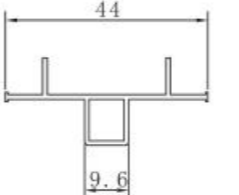
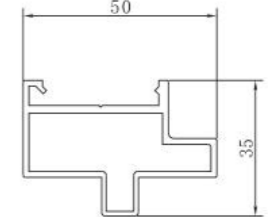
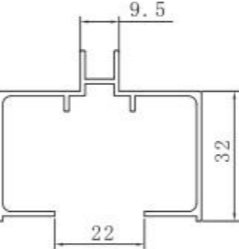
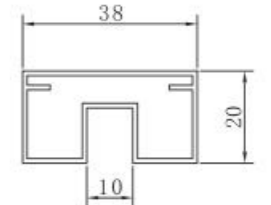
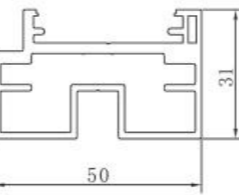
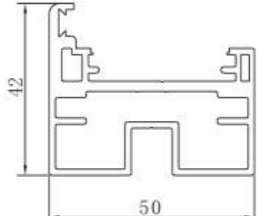
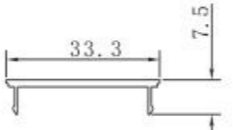
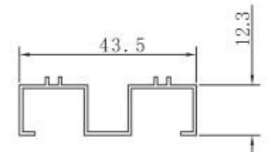
50 Cleanroom Serials -- 50 pannel H connection, slot

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
Z-295 1.0		0.319		Z295C 1.5		0.68	
YT-Z299 1.3		0.715		Z299-1 1.2		0.53	
147 1.6		0.93					

50 Cleanroom Serials -- 50 hand-made door matrial

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
HD09-1 1.1		0.102	Cover	HD09-3 1.5		0.753	Door frame
H09-12 1.0		0.24	Door frame	HD09-9 1.5		0.73	Door leaf
H09-17 1.2		0.55	Door bottom	HD09-7 1.0		0.394	Double window
YX11-01 1.5		1.06	Door leaf	YX11-02 1.5		1.23	Door frame
YX11-3 1.5		0.155	Cover	YX11-04 0.8		0.224	

Connection / Ceiling beam

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
YT-Z209 0.7		0.181		YT-Z209-2 0.9		0.198	
Z209-4 1.0		0.211		YT-Z209-3 1.0		0.24	
YT-Z219 0.75 0.9		0.177 0.205		YT-Z219-1 0.7		0.199	
Z-219-5 0.9		0.211		YT-Z369 0.9		0.25	
YT-Z369-1 0.8		0.22		YT-Z369-2 0.8		0.205	

Connection / ceiling beam

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
Z369-3 1.0		0.25		Z-369-5 0.9		0.27	
50x25T 1.5		0.3		25x15T 0.8		0.085	
YT-8001A 1.8		0.6		YT-8001 1.7 2.0 2.5 2.8 3.0		0.65 0.75 0.95 1.05 1.11	
YT-8001B 2.4		0.862		YT-8001C 2.0		0.87	
60x125T 2.6		1.25		8003ST		1.19	

Connection / Ceiling beam

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
YT-7508T 1.8		1.123		YT-7508T -1 1.8		1.4	
YT-7508X 2.0		0.95		YT-7508Y 2.0		0.847	
YT-7508TZ 1.8		0.908		YT-8001-1 1.6		0.83	
CS1160 2.6		1.38		CS1160-1 2.0		1.22	
YT-60136 3.0		1.866					

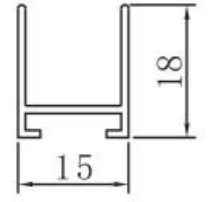
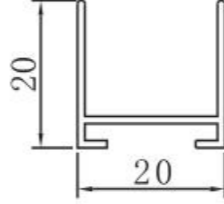
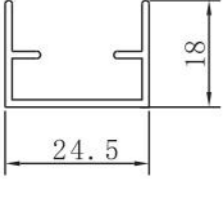
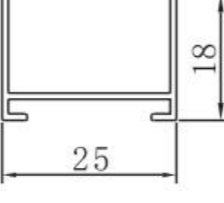
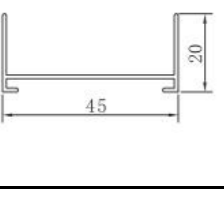
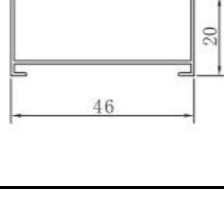
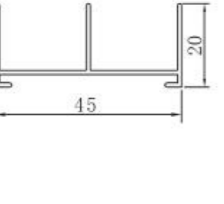
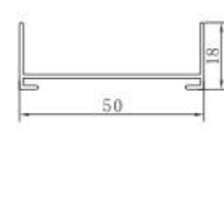
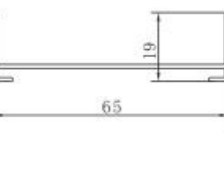
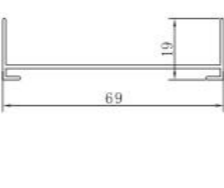
Connection / ceiling beam

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
YT-Z370		0.72	50 panel overt ceiling beam	YT-Z370-2		0.98	50 panel overt ceiling beam
YT-Z370-3		1.045	50 panel overt ceiling beam	Z370-4		0.47	overt ceiling beam
YT-Z370A		0.781	60 panel overt ceiling beam	YT-Z370B		0.78	75 panel overt ceiling beam
YT-Z370C		1.14	100 panel overt ceiling beam	YT-Z370D		0.668	50 panel overt ceiling beam Thin
Z-370F		0.93	50 panel ceiling beam	YT-Z370E		1.05	Double lifting beam

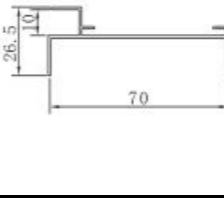
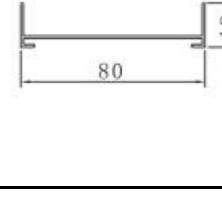
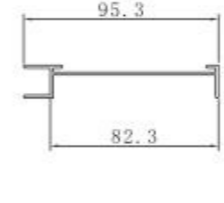
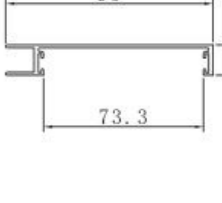
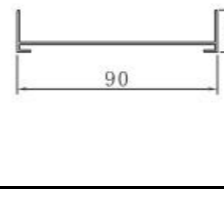
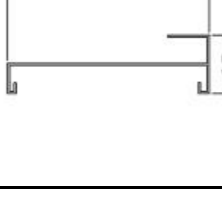
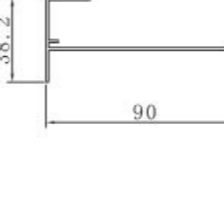
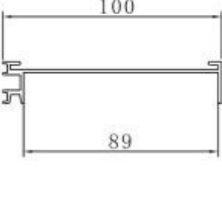
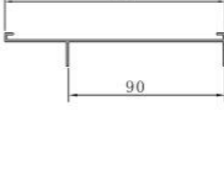
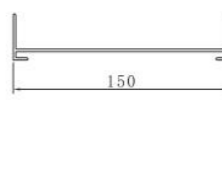
Filter frame

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
Z-295-2		0.143	15 Fiter frame	Z-295-1		0.174	20 Fiter frame
Z-290		0.22	25 Fiter frame	Z-290A		0.157	25 Fiter frame
Z-291-45		0.24	46 Fiter frame 45MM Width	Z-2910-46		0.196	46 Fiter frame
Z-291-45A		0.282	46 Fiter frame 45MM Width	Z-291		0.247	50 Fiter frame
Z-294-65		0.328	65 Fiter frame	Z-294		0.325	70 Fiter frame

Filter frame

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
Z294A		0.362	Gel seal slot 70 Fiter frame	Z-293-80		0.408	80 Fiter frame
Z-293-80A		0.552	Gel seal slot	Z-293-80B		0.6	Gel seal slot
Z-293		0.366	90 Fiter frame	Z-293A		0.45	Gel seal slot
Z-293B		0.56	Gel seal slot	Z-293-100		0.656	
Z-293-125		0.5		Z-293-150		0.784	150 Fiter frame

Filter frame

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
Z-293-220		1.4	220 Filter	J121		1.11	
J122		0.525		Z506		0.322	
Z506-1		0.32		Z507		0.384	
Z507-1		0.379		Z507-2		0.395	
Z507-3		0.49		Z507-95		0.49	

Lifting ground slot

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
4470 1.2		0.78	68MM	4470-1 1.0		0.634	68MM
DS-4480A 1.2		0.865	80MM	1045 1.5		1.24	100MM
12045 1.2		1.12	120MM	15045 1.5		1.63	150MM
DS-4025 1.2		0.412		4015B 1.2		0.284	
4015B-30 1.0		0.265		4015B-35 1.2		0.35	

Lifting ground slot

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
4015B-40 1.2		0.385		4015B-70 1.5		0.722	
4480-2 1.4		0.76		4015A 1.2		0.288	
1080 1.5		1.45		9035 1.5		0.636	

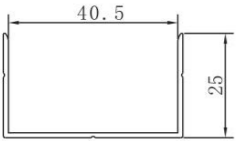
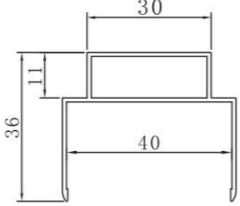
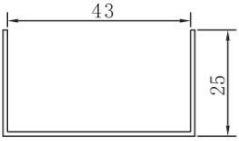
20, 25, 40 Serials

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
2005H 1.2		0.32	20 H-shaped	2008D 1.2		0.55	20 Square excircle
2014B 1.2		0.338	20 Ground slot	YT-2503 0.8		0.13	25 Slot
YT-2505 0.8		0.144	25 H-shaped	2508 1.0		0.30	25 Excircle
YT-2516 0.9		0.189	25 Door frame	YT-4002 1.2		0.54	40 Door material
YT-4002A 1.1		0.56	40 Door material	YT-4015 1.0		0.244	40 Slot

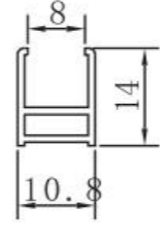
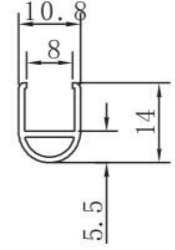
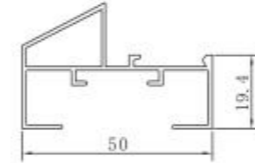
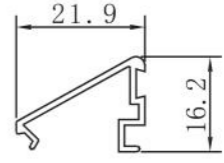
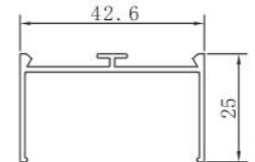
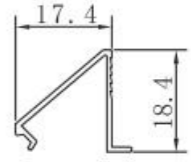
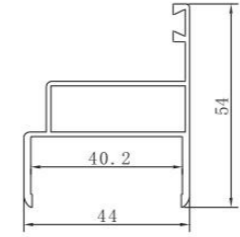
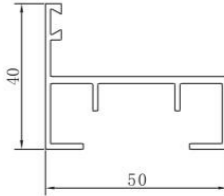
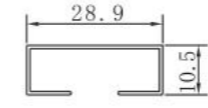
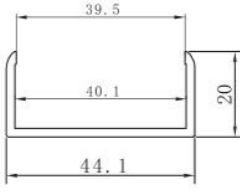
20, 25, 40 Serials

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
YT-4015A 1.2		0.288	40 Slot	YT-4027 1.0		0.383	40 double glass
YT-4325 1.0		0.25	40 Slot 43mm				

ZB Serials

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
Z504		0.125		Z505		0.114	
Z374 1.0		0.463	Fix frame	Z372		0.145	Line noth 6mm
Z406 1.2		0.334	40 grooved notch 7.8mm	Z407		0.116	
Z403 1.2		0.636	Door material	Z402 2.0		0.64	Door frame
Z371 0.7		0.124	Match Z402	Z404 2.0		0.425	40 Slot

Framework

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
YT-5363A 1.3		1.08		YT-5363B 1.3		1.07	
Z41 1.9		1.04		Z41A 0.9		0.485	
Z41B 0.9		0.51		Z41C 0.9		0.4	

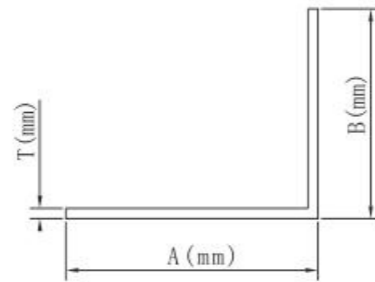
Interior / Exterior angle

□ Density is for reference only

PN	Sketch	Density (kg/m)	Remark	PN	Sketch	Density (kg/m)	Remark
YT2501		0.096	25 Interior angel	YT2501		0.096	25 Exterior angle
YT3501		0.136	35 Interior angel	YT3501		0.136	35 Exterior angle
50x50W J		0.27	50 Exterior angle	50x50W J		0.162	Special-shaped Angle
40x40x1 2		0.28	Delorati ve corner	40x40x1 2		0.238	Wrap angle
JS003 0.8		0.30	Wrap angle	JS003 0.8		0.617	Wrap angle
85x85 2.0		0.80	Wrap angle				

Flat angle

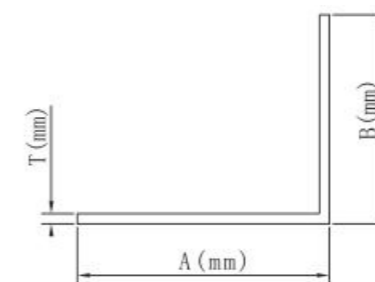
□ Density is for reference only



Spec (AxB)	Thickness	Density (kg/m)	Remark
20x20	0.9	0.1	
	1.2	0.13	
25x14	0.8	0.09	
25x15	1.4	0.15	
25x25	1.2	0.16	
	2.0	0.25	
	2.5	0.35	
30x20	1.0	0.135	
	1.8	0.235	
30x30	1.0	0.16	
	2.2	0.35	
	3.0	0.465	
35x35	1.0	0.19	
	1.2	0.225	
	1.7	0.32	
	1.8	0.34	

Flat angle

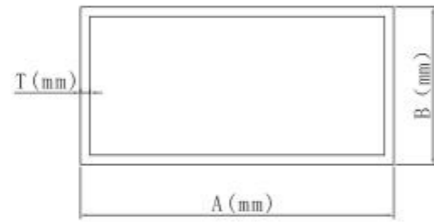
□ Density is for reference only



Spec (AxB)	Thickness	Density (kg/m)	Remark
38x38	1.8	0.38	
	3.0	0.47	
40x20	1.0	0.16	
	1.4	0.25	
40x40	1.0	0.215	
	1.2	0.26	
	1.5	0.33	
	2.0	0.43	
50x20	1.0	0.19	
50x50	1.8	0.5	
70x30	1.2	0.33	
90x40	1.5	0.55	

Square tube

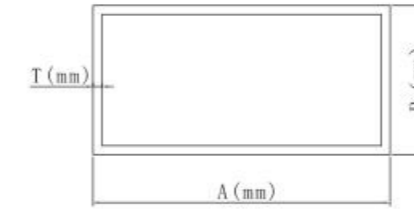
Density is for reference only



Spec (AxB)	Thickness	Density (kg/m)	Remark
12x12	0.8	0.1	
14x7	0.8	0.09	
14x8	0.6	0.07	
19x15	1.8	0.3	
19x19	1.4	0.27	
20x10	1.0	0.152	
20x20	0.8	0.167	
25x15	0.8	0.166	
25x20	1.0	0.23	
25x25	1.2	0.31	
30x10	1.5	0.3	
30x20	2.0	0.5	

Square tube

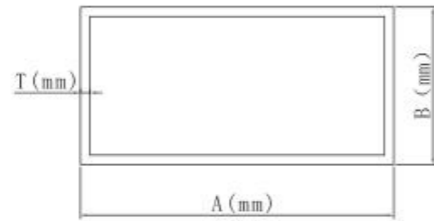
Density is for reference only



Spec (AxB)	Thickness	Density (kg/m)	Remark
30x30	1.0	0.31	
	1.2	0.38	
	1.4	0.44	
	2.3	0.7	
30x23	2.5	0.65	
38x25	0.9	0.3	
	1.2	0.4	
	2.0	0.65	Rounded corner R3.0
38x25	2.9	0.9	
	3.0	1.15	
40x20	1.0	0.32	
	1.5	0.465	

Square tube

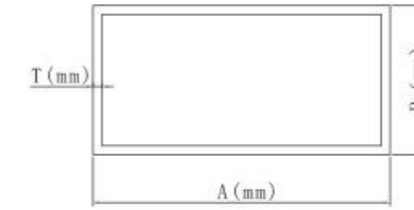
□ Density is for reference only



Spec (AxB)	Thickness	Density (kg/m)	Remark
40x30	0.9	0.3	
	1.2	0.45	
	2.0	0.72	
40x40	1.1	0.47	
45x30	1.0	0.4	
50x10	1.0	0.32	DC-6
	1.5	0.465	
50x25	1.0	0.4	
	1.4	0.55	
50x35	1.2	0.54	
50x40	0.75	0.4	
	1.0	0.5	

Square tube

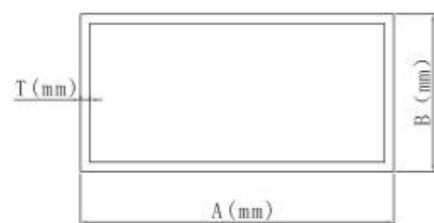
□ Density is for reference only



Spec (AxB)	Thickness	Density (kg/m)	Remark
50x50	1.0	0.55	
	1.2	0.64	
	2.0	1.1	
55x55	1.5	0.9	
60x15	0.8	0.32	
	1.0	0.4	
60x20	1.0	0.45	
	1.4	0.6	
60x30	1.0	0.48	
	1.2	0.57	
	1.8	0.85	
68x28	0.8	0.4	F06C

Square tube

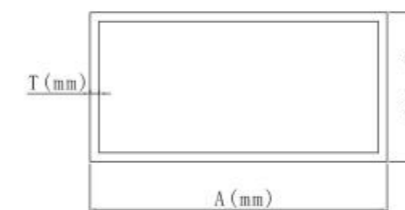
□ Density is for reference only



Spec (AxB)	Thickness	Density (kg/m)	Remark
60x40	0.9	0.48	
	1.4	0.74	
60x60	1.2	0.77	
	2.5	1.6	
70x40	1.1	0.65	
76x25	1.0	0.54	
	1.4	0.75	
76x44	1.0	0.65	
	1.4	0.87	
76x76	1.0	0.83	
80x20	1.8	0.95	
80x40	1.8	1.15	

Square tube

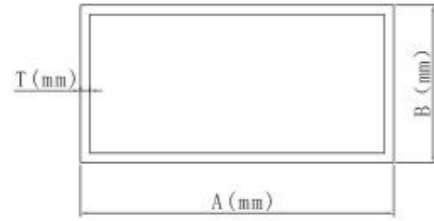
□ Density is for reference only



Spec (AxB)	Thickness	Density (kg/m)	Remark
80x25	1.0	0.56	
	1.4	0.8	
80x44	1.0	0.68	
	1.4	0.93	
	2.0	1.35	
80x60	2.5	1.9	
80x80	1.9	1.65	
	3.0	2.55	
88x88	1.2	1.25	
90x25	1.4	0.9	
90x40	4.0	2.7	
90x90	1.9	1.85	Rounded corner R2.2

Square tube

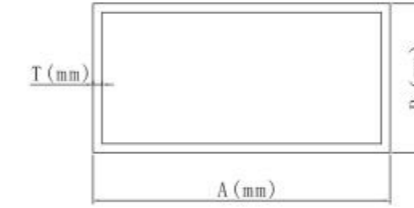
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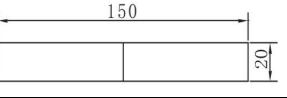
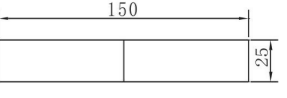


Spec (AxB)	Thickness	Density (kg/m)	Remark
100x20	1.0	0.65	
100x25	0.8	0.6	
	1.0	0.67	
	1.2	0.82	
100x30	1.0	0.73	
100x40	1.0	0.77	
100x44	1.0	0.8	
	1.2	0.95	
	1.4	1.15	
	2.0	1.55	
100x50	1.5	1.23	
	2.0	1.62	

Square tube

□ Density is for reference only



Spec (AxB)	Thickness	Density (kg/m)	Remark
100x60	2.0	1.7	
100x80	1.5	1.45	
100x100	1.4	1.55	
	2.0	2.15	
114x22	1.4	1.1	
110x50	1.4	1.25	
120x60	2.0	1.95	
140x40	1.3	1.3	
149x29	1.4	1.4	
150x20	1.25	1.2	
150x25	1.6	1.7	
150x50	1.8	2.0	

1. Grade: China: LD31-RCS
International (6063-T5)

2. LD31 (6063)
Chemical composition of aluminum alloy

Si	Mg	Fe	Cu	Mn	Zn	Cr	Ti	Other impurities		A1
								Unit	Total	
0.2-0.6	0.45-0.9	<0.35	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.15	Surplus

3. LD31-RCS (6063-T5)
Mechanical properties of aluminum alloy profiles at room temperature

Tensile strength σ_b (N/mm ²)	$(\sigma_b 0.2)$ Specify non- proportional elongation stress (N/mm ²)	Stretching rate %	Hardness			Remark
			Sample thickness mm	HV	HW	
160	110	8	0.8	58	8	1. When the thickness of the sample section is less than 1.22mm, the elongation is not measured. 2. RCS is the rapid cooling and artificial aging state after high temperature molding
No less than						

THANK YOU FOR CHOOSING
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